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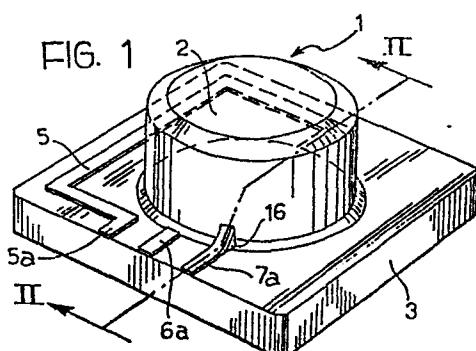
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④ Electrical inclination sensor and method for its manufacture.

⑤ The sensor comprises a body (1) formed by first and second elements (2, 3) of which at least one (2) has a cavity (4), the elements being sealed together to form a chamber (12). The chamber contains an electrically-conductive liquid (14) which fills it almost completely so as to form a bubble (15). At least one main electrode (6) and at least one pair of auxiliary electrodes (5, 9; 7, 10) extend into the chamber (12) through the body (1) and are accessible on the exterior thereof, so that any variation in the inclination of the body relative to at least one predetermined direction causes a movement of the bubble (15) and a corresponding variation in the electrical resistance measurable between each auxiliary electrode and the main electrode. The electrodes are constituted by strips of electrically-conductive material deposited by screen printing on at least one of the said elements by the thick film deposition method.



EP 0 164 316 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 85830103.9
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	AT - B - 349 776 (CONTRAVES) * Totality * --	1	G 01 C 9/06 G 01 C 9/08 G 01 B 7/30
A	US - A - 3 843 539 (WILLING) * Column 2, line 65 - column 4, line 47; column 6, line 73 - column 7, line 36; fig. 1,2, 3 * --	1,15	
A	US - A - 3 487 303 (REMINGTON) * Totality * ----		
TECHNICAL FIELDS SEARCHED (Int. Cl.4)			
G 01 B 7/00 G 01 C 9/00			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
VIENNA	28-04-1988	TOMASELLI	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	